



Ø BEAT



COLO. SPRINGS,
COLORADO

MAY
1975

MEETING NOTICE - Pikes Peak Radio Amateur Association will meet this month on May 14th at 7:30 P.M. in the Security Savings & Loan Building, East Platte at Union Boulevard. Any person interested in amateur radio is invited to attend.

FIELD DAY CHANGE - Field Day, 1975, to be held on June 28 and 29 will include a major change. This change, raising the value of a CW QSO to two points, has been recommended by the ARRL Contest Advisory Committee and is in line with a recent Board motion urging the Contest Advisory Committee to study ways of encouraging continued use of a wide variety of modes in the Field Day. The modification is being instituted on a trial basis this year, to be adopted permanently if the change appears to be serving its intended purpose of increasing FD CW activity. Full rules will appear in the May issue of QST.

CALLSIGN DOCKET - The Docket to permit extras to pick their own callsigns is still buried somewhere in the FCC, but a recent internal survey on who holds what kind of call came up with very interesting numbers. 206,794 1 x 3 calls are presently unassigned, more than enough to give every holder of a two-letter prefixed call a Wx3 (92,587 open) or Kx3 (114,207 open) call. Fewest 1x3s are in the sixth district, with 7476 Wx3 and 11,182 Kx3 available.

1x2 calls are not so plentiful, however, only 1889 Wx2 and 4879 Kx2 calls are unassigned, and 10,117 Extra Class licensees presently do not have 1x2 calls. Whether problems will arise depends on the form the Report and Order takes, of course - one solution would be if all Extras could have and wanted 1x2 calls would be to tap the newly available "N" prefix. Nx2s would add 650 1x2s per district to the reserve.

HR REPORT

APRIL MINUTES - by Bart Hayhurst, WAØYOH, Secretary: The meeting was called to order by President Mike Stansberry, WBØHCK at 7:40 P.M. with 50 members and guests present. Dean Jaynes, WAØPJH, Treasurer reported this month's balance at \$427.99.....Field Day was discussed. Mike Stansberry and James DonCarlos,

ZERO BEAT

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The PPRAA meets at 7:30 P.M. on the second
Wednesday of each month in the Security
Savings & Loan Building, East Platte at
Union Boulevard.

PPRAA DIRECTORS

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Mike Stansberry 2732 E. Monument	WBØHCK 475-8650
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Russ Ruggieri 3929 E. San Miguel	WBØGKF 596-3039
Bob Tate 4523 Palmer Park	WBØJTZ 596-5002

WØITU will each bring a station and Ken Hull, WNØNOS will bring a Novice station.....Chuck Myers, WAØZCS reported the next meeting of CCARC will be at Loveland, Colorado on April 19.....Bill Krogan, WBØKSW reported that 18 of his students have taken the Novice test.....Mike would like help with the Colorado Code Net, 37.15 MHz, at 6:30 PM M-F.....The big turnout was due to the guest speakers, Chic Cotterell, WØSIN and Morrey Carpenter, KØHRZ. Chic is our ARRL District Director and spoke on Docket #20282. Everyone seemed to get a lot out of what Chic and Morrey had to say.....The raffle had two grand prizes - one, a parts chest went to Morrey and the other, an auto creeper, was won by Ken Keyte, WØTGL.....The meeting was adjourned at 9:45 P.M.

FIXED OPERATION - From time to time, someone at home in the living room is heard using the repeater system with a hand-held unit and identifying as "/Portable Ø". Remember - "Fixed Operation" is communications conducted at the address shown on the station license. All operation at that location including using a "walkie-talkie" in the back yard or a Mobile unit in the driveway is still "fixed." There is no such thing as a combination of two types of operation, such as "fixed-portable." A station is one or the other, it is not both.

GREATER CLEVELAND REPEATER NEWSLETTER

STAFF SLOT FILLED - John Hansen, W3DHS joined the legal staff in April of the Amateur and Citizens Division of FCC. He replaces Phil Greffe who left early

this year -- another ham in the Division is good news! Replacement for John Johnston still not in sight. Budget considerations will not permit adding re people this fiscal year, which ends June 30.

HR REPORT

QSL -- PLEASE? - Have you noticed lately that, except for the DXers, very few hams send QSL cards, offer them, or even have any. That's too bad! I realize postage is up, and for many, log keeping is almost a thing of the past, and as a result, QSL cards are being forgotten - but can't you remember the pleasure it was to receive them, and maybe the fun you had designing yours or maybe even printing your own?

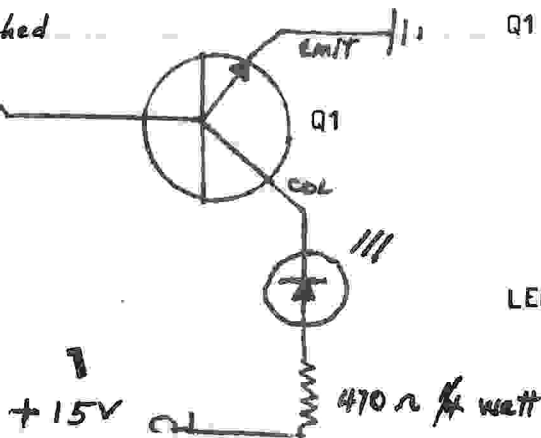
You know the silk screening process for producing cards could include a demonstration program at one of your club meetings, and maybe a club project to help members make their own. The new Novices should be helped to acquire cards, and encouraged to exchange them - it's one of the pleasureable facits of this great hobby.

CCRC CIRCLE

RECEIVING SIGNAL BY Mike, WBØLGC: Since many of the members have handie-talkie type radios, this COR light shows when they are receiving a signal even if the volume is turned down. It can be used on almost any radio, is very inexpensive to make and fun to watch. I found it a nice addition to my HT 220. See below.

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in HT 220.



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such as HEP S9100,
or make your own

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DOCKET 20282 COMMENTS - Response to restructuring so far received by FCC summarized by Prose Walker at Dayton Hamvention were that 2/3 support 20282 and 1/3 oppose. Most want 10 meters shared. Of the 80% discussing power, more than half are against reductions to Generals and Techs and all oppose levels offered Novice/Communicator. Measuring output is opposed. Almost all discuss Communicators, with 60% favorable and most of the rest worried about "CB." 40% don't want them on 2 meters, and almost all want less frequencies for them than proposed. 75% discuss license requirements, privileges; Extras oppose giving Advanced more phone frequencies, Advanced are happy and lower classes very strongly opposed to giving up what they have. Interesting -- and not unexpected -- results.


ARRL 20282 Survey has had an outstanding response -- about 56,000 of the League's 100,000 members returned their surveys in time to be processed! One interesting early result - a very high percentage, almost 40% of the Extras and 61% of the Generals were once Novices... a possible good omen for the Communicator.

HR REPORT



ARMED FORCES DAY EVENT - 26th annual Armed Forces Day communications tests will again be a highlight of the nation-wide 1975 observance of Armed Forces Day, scheduled for Saturday, May 17. Military radio stations and Hams will celebrate more than a quarter century of cooperation between U.S. Armed Forces and amateurs. Amateurs who make a confirmed two way contact with any of the military stations taking part will be awarded special QSL cards commemorating the anniversary; details on frequencies and modes can be obtained from MARS members.



GREATER CLEVELAND REPEATER NEWSLETTER



CB LICENSE APPLICATIONS - Total CB license applications for March were an astonishing 193,060 and for the first 10 days of April were 68,086 with Gettysburg reporting a two week delay in just opening incoming mail. The obvious important question for us is how we can hold our frequencies against such overwhelming odds. A second important question is how Gettysburg can avoid complete collapse from such an overload. E. F. Johnson keeps the pressure on Class E CB issue. In an article in the April 7 *Sales Management*, Johnson president Dick Horner says, "We think that a million CB users ought to have at least as much space as 200,000 amateur hobbyists" and concludes that the number



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of amateurs in the FCC has been a major stumbling block to CB expansion. By the way, amateurs operating on CB, and there are more than you might think, had better beware -- those found violating the CB regulations will probably find their right to remain amateurs under consideration along with their problems on CB. Several such cases are presently under investigation.

HR REPORT

FOR SALE: Kilowatt Power supply, IBM #237828, used. Input 90 to 125 or 195 to 240VAC, GE ferro-resonant regulating transformer; Output 47, 48.5 or 50V (tapped) at 20A continuous; Westinghouse #212B020g01-2B bridge rectifier (4 each 1N1185 diodes); 45 ohm bleeder; 0.048 Farad total capacity (6 each 8,000 Mfd at 55V); no case; 11-1/8" X 19-1/2" X 8-1/2"H, mounted on 10-5/16" X 19-3/16" X 1/8" plate; weighs 70 lbs. \$50.00. Don, WØITU. Phone 598-8930.

FOR SALE: Collins R-390A receiver, excellent condition, with manuals. George, W5QDE/Ø. Phone 598-7387.

FOR SALE: Regency HRT-2 with charger, nicad, remote mike, rubber antenna, case, and crystals for 94/94, 34/94, 16/76, 07/67, and 52/52. Asking \$190.00. Phone Leo, WBØNYX evenings only at 472-1223.

FOR SALE: Sorensen power supply, input 105-125 VAC, 0.6A, 50-480 Hz; Output 0-10VDC, continuously adjustable, 1.5A at 40 degrees C, 1.2A at 60 degrees C. Provision for external voltage sensing. Cased, 3-3/8" X 3-7/8" X 7", about 6 lbs. 2 available at \$10.00 each. Don, WØITU. Phone 598-8930.

WANTED: 2 meter transceiver and/or antenna, amplifier, power supply. etc. Dayt WØZKM. Phone 598-4495 or write to 3950 Maraposa, Colorado

t cathode ray tubes: Type 902, 902P1, 2AP1, B2011P5, 3BP1A and 3KP1. \$10.00 each or 2 for \$15.00. Phone Dick,

ONS FOR MAY - are not very encouraging, with solar activity Current reports from the Zurich observatory show the sun at a virtual minimum, and the solar experts at Boulder presstime that they now believe the minimum to be here or nearly here. It's not rejoicing, however, as probabilities are that we're in for a prolonged stay at the minimum -- perhaps for as long as a year! Its duration is not predictable, so we won't know when it'll end until it has. The most disturbed period in the next few weeks will be May 6-7 with worse than normal conditions a few days before and after. Polar paths will be most affected during this period, which will be followed by improving conditions after the 12th.

Looking at conditions band by band, as a general rule MUFs from the U.S. will be below 21MHz leaving 20, 40 and 80 for DX chasing. 10 meters can be forgotten except for sporadic E openings, and 15 only occasionally good for north-south paths. Expect 20 meters to be a daylight-only band, best during the immediate post-sunrise and pre-sunset hours. 40 will be a twilight and sunrise band, and don't be surprised to find it going dead during the night. 80 will be somewhat better for those iron-eared individuals able to withstand the static, staying open to some part of the world from dusk to dawn. MUFs during the next few months will tend to remain at the present levels or even decrease as the days lengthen, but will hang in at a given level for longer periods during the day.

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James DonCarlos
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